## PRIZE BULL ENTERTAINED AT EXCLUSIVE NEW YORK HOTEL

out of the ground from one to three inches. This was unexpected on actrouble in making others. count of the mild winter, and shows remarkable action of freezing and thawing in throwing plants and posts out of the ground.

White fly is about as troublesome as insect on house plants as can be imagined. If troubled, try spraying with ulco-V-B. White fly will, no doubt, be troublesome in the garden this

A spray of lyy placed in a vase last sultumn is still tresh and green on April 21. The vase was kept filled with water and washed out about once every three weeks.

finter wheat crop in New York State is in excellent condition and so paris green were not attacked by the When wanted for ordinary use dilute

Patisites delight in very rich, deep soil, plenty downter and slight shade. The epidemic. Further experiments gave land should be well drained and the evidence that the virtue of the paris Freated thus they will flower abun-

#### SPRAYING.

By A. SCHLEIMER. There is undoubtedly more trouble tion of spray solutions than any other thing on the farm.

Just why this should be so is hard to understand when one considers the vast amount of literature on the sub-

Properly prepared a good fungicide

make them properly. There are of has possibly been exposed to the course some who have no need of them, weather or contains a large percentfortunately; but they have no guaran- age of sand, clay, &c.

the time comes to fight it it is no time to prepare.

Even though the solutions are made on a small scale, in about one quart or gallons, and mix thoroughly. The cop-one gallon quantities, it will acquaint per solution will be perfectly clear, but fastened up. one with the method of making them, at practically no cost. And no amount of reading will ever equal the knowl- solution, leaving the sediment behind, edge or experience that is gained by demonstration.

For this reason I would advise every one who at one time or another may have use for them to make them up on a small scale for their own information. There are several general fungicides, used for a variety of purposes, among

## VICTORY GARDENS

Are as necessary now as they were during The High Cost of Living may be substantially reduced by improving our garden.

#### ORCHARD BRAND SPRAY MATERIALS vill insure your crops against insect and

Arsenite of Zine kills potato bugs! Zinc-Bordsaux a combination of Ar-senite of Zinb and Rordsaux Mixture) for killing bugs and controlling blight on potatoes.

Our pamphlet "B" describes our garden spray material with directions for applying. Sent upon request.

GENERAL CHEMICAL COMPANY

Insecticide Dept., 16th floor, 25 Broad St., New York.

35 DAHLIA tubers, all different, labeled, \$1. postpaid. Why pay more? Catalog free.



ON OWN ROOTS

JONKHEER J. L. MOCK. The wonderful New Rose. A strong grower, blooms profusely, highly perfumed and of the LARGEST SIZE. Color Imperial Pink. 25c postpaid.

IRISH FIRE FLAME. An everblooming rose. Color Old Geld or Coppery Yellow. Price 15c postpaid.

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BUNBURST. The magnificent giant YELLOW rose. Everblooming. 25c THE PICK OF GLADIOLI.

BRS. FRANCIS KING. Beautiful Besnard shade" of FLAME PINK. Immense flowers. 15c postpaid.

AMERICA. The lavender tinted giant of Gladioli. 15c postpaid.

AMERICA. The lavender tinted giant of Gladioli. 15c postpaid.

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All the above plants are strong and hardy and will bloom this summer. We deliver to you free of charge. The above SEVEN PLANTS for \$1.00 and our SENSITIVE FERN free.

THE KRIETER-MURPHY CO. THE KRIETER-MURPHY CO.

DAHLIAS 4 to 5 cents each, plump dahlias, all different, labeled, and the state of t THE BUNGALOW GARDENS, (Dahlia Hobbyists), Netcong, N. J.

LARGE ASPARAGUS ROOTS

TOMATO and CABBAGE PLANTS

varieties, open field grown, 500 post-d, \$1.00 by express, 1.000, \$1.00; 10.000 s, \$1.00 thousand Sweet Potato Plants, varieties -1.000, \$2.50; 10.000, \$20.00.

plants free from disease and packed damp mess. Albany, Ga.

Jefferson Farms .

GLADIOLI

these is understood there will be no

#### Bordeaux Mixture.

This well known remedy originated away. grape culture and its wines.

Its discovery was entirely due to ac- kept agitated when used. cident. It was the custom where the vineyards in this place adjoined the equal to from one to one and a half public thoroughfare to sprinkle paris pounds of the kind generally sold. green on the fruit nearest the highway in order that the public, seeing it would assume that the entire vineyard was thus treated and not molest the

There came a time when disease athowever, that the plants near the pub- and add water to make 40 gallons. He road which had been sprinkled with lisease.

Investigation proved that the paris green protected these plants from the soap, 6 pounds; kerosene, 3 gallons; epidemic. Further experiments gave water to make 40 gallons. plants not permitted to go to seed. green was due to the copper (paris of hot water, add the kerosene and green is a salt of copper), and the chemists of France took the matter in and add the balance of water. hand to discover what form of copper

would be best as well as cheap. This led to the preparation of a mixure of lime and copper which we know to-day as Bordeaux mixture. In fact, Bordeaux mixture is unquestionand greater variation in the prepara- ably far better known to-day than the Bordeaux wines, which it owes entirely to its virtue.

In making Bordeaux mixture the in gredients are copper sulphate (blue vitriol), 6 pounds; unslacked lime, 4 pounds: water, 50 gallons.

In the first place it is necessary to is worth its weight in gold when one have a good quality of lime. It will water. Strain for use. tops to consider the great increase in pay to buy a good quality of rock or shell lime rather than risk a poor Every farmer should know how to product by using a cheap grade that

tee how soon they may.

Dissolve the copper in about twenty no matter how careful and thorough gallons of water, using a small quanyou may be, if a neighbor happens to tity of hot water first, and then adding be careless of his orchard it means enough water to make the twenty trouble for those near him, and when gallons. But it must be cold when the in the house, setting out the plants lime is added. Then slack the lime by when large enough. adding it to water, and when cool enough add water to make the twenty the lime solution will have a sediment.

Carefully pour off the clear lime which can be thrown away. Now add the lime solution to the copper, stirring continually, which will precipitate the copper as a whitish cloud. After mixing them together, allow it to stand

The United States has approximately \$50,000,000 acres of land—45 duction. The further development of the It shows that the copper is not all ture. thrown down and the lime is weak;

fine as possible. The weaker the solu- other than woodland. tion the finer the precipitate. Enough water is now added to make fifty galthe United States are not adapted to Farm Exposition at the Seventy-first lons. Iron must not come in contact cultivation, of which at least 360,000,-with this solution; use a barrel and 000 acres may be used for forests and wooden stick for mixing. This is a about 500,000,000 acres for grazing.

This is another well known and im- population. portant spray, sometimes called the California wash. It was originally used, in slightly different form, as a sheep dip, and its main use is for San Jose scale and the codling moth, peach worm, &c. The main ingredient is sulphur. Unslacked lime, 20 pounds; sulphur' (flowers), 15 pounds; water, 50 gallons. The same precaution in egard to the quality of lime applies to this as well as to the Bordeaux

Add the lime to about fifteen gallons f water in an iron tank. It is better o heat the water, and as soon as the lime has been added the sulphur should e put in. This should be then heated to boiling and water added gradually so as not to lower the temperature until the mixture is about thirty-five or forty gallons. This should be boiled for one hour, when the balance of the water is added to make the fifty galons. During the cooking the mixture should be stirred very frequently, and when cooled it should be strained, as the sediment is to be thrown away, and the deep orange colored liquor is ready for use.

## Lend Arsenate.

One of the more recent sprays for the orchard is lead arsenate, and this virtue lies in its application to the codling moth, which, it is estimated. responsible for about 20 per cent. of the fruit destroyed annually by insects.

It might not be out of place right here to offer the suggestion that it is of the utmost importance to know that the ingredients are of good quality in or quick results. 6-yr, roots, \$1.00 dozen.
ho hundred, \$20.00 thousand; 4-yr, roots,
ho hundred, \$10.00 thousand; 2-yr, roots,
he had making sprays. Why go to the trouble

> sprays at home. But when you have ers usually prefer to locate on land the most beautiful cows ever bred, and a bird of pure breeding and reproheart to heart talk with the local which does not involve so much pio- their specialty is supplying butter for ducing its pure white plumage and druggist, explain the situation and neering. If all this agriculturally the leading New York hotels. The fine head appendages with certainty

ounces; lead acetate, 22 ounces; water.

Dissolve each in about two gallons in content two gallons of the squalest of phosquests of beds exquisite for phosquest of the water, using a wooden or an ename! vessel. When dissolved mix summer. You can now have a bandsome bed of these follows and the square of the water, using a wooden or an ename! vessel. When dissolved mix summer. You can now have a bandsome bed of these follows and the square of the water, using a wooden or an ename! vessel. When dissolved mix summer. You can now have a bandsome bed of these follows and the square of the water of the

In working this spring in an iris bed which the Bordeaux, the lime-sulphur harm than good. When the test shows that was planted last autumn the and the arsenate of lead are the most lead in the clear liquid it is proof that wooden plant labels were found raised complex; and if the compounding of all the arsenic has been combined. Allow the liquid to stand until all the sediment has settled, when the clear solution can be poured off easily.

> When wanted for use the lead arsen which for years has been noted for its ate is mixed with water in the proportion of one in twenty, and must be

This is of no value and can be thrown

The above makes one pound and is

#### Other Sprays.

Resin Soap-Resin, 12 pounds; caustic soda, 3 pounds; fish oil, 1% pounds.
Dissolve the caustic in 5 gallons of water and add the resin, and heat tacked and practically destroyed an en- until the mixture is uniform. Add the tire season's product. It was noticed, fish oil while still hot, bring to a boil This is used for winter spraying with equal parts of water.

Kerosene Emulsion - Whale oil Dissolve the soap in 6 or 8 gallons shake thoroughly for 5 or 10 minutes

Tobacco Spray-While we are busy with the orchard our better halves generally find time and pleasure in cultivating some ornamental plants. This spray is intended for their benefit. .It is unquestionably the best general protection against insects that has been devised.

Tobacco scraps, 1 pound; sal soda, 1 tablespoonful; boiling water, 4 gal-Allow this to steep for a day and

then add one bar of yellow soap that has been dissolved in one gallon of Sow grass seed on patchy lawns if

this spring work has not been attended

alyssum and godetia may still be sown where the plants are to flower. Sow seeds of single dahlias at once

Mignonette, Shirley poppies, sweet

Cut out the dead wood from climbers

#### ROOM IN UNITED STATES FOR MANY FARMS TO BE DEVELOPED.

Of this amount approximately 480.more lime must be mixed as before and 000,000 acres were improved land in added until the clear solution is color- 1910; the remainder consisting of 200,less. The reason for this is that the 000,000 acres of potentially arable forblue color shows the presence of undecomposed copper sulphate, which is of swamps and other wet lands needing drainage, 30,000,000 acres of potentially to burn the foliage.

The object of diluting before mixing is to have the precipitated copper as its to have the precipitated copper as its approach to the precipitated copper as the solution of the precipitated copper as the p

land once farmed and now abandoned, as well as areas which no one has thought it worth while trying to make conditions are of primary importance ner. n explaining why so large an area remains unimproved. Nearly one-fifth of the United States is too hilly or fall is light, is grazed by roving flocks ders &c. of sheep or by cattle. Lack of sum- One of the features of the show was the windows.

brush and trees.

May Clear Forest Land. the stumps removed so that the land sults when in reality the true cause is poor material.

This is one advantage of making this account clearing is slow, as farm-This is one advantage of making this account clearing is slow, as farm-



PEARL GUINEA FOWLS . . MALE and FEMALE

this area is reclaimed.

#### Opportunity in Irrigation.

purposes if complete utilization is made of the potential water supply irrigated land and would provide 349. ERADICATING CANADA THISTLE nest and work destruction for them-This is double the present area of the acres, which is the average farm acreage of irrigated land shown by the 1910 census. However, construction of irrigation dams and canals is so expensive that it will be many years

crops. In the Eastern States and in the Great Plains region much waste land is classified in the census reports as 'unimproved land other than wood-It consists of stony upland pastures in hilly regions and other parcels of waste land in Eastern farms and of grazing land in Western the East at one time was cropped and now constitutes in part the socalled abandoned farms. If prices of farm products continue high and farm! abor again becomes comperatively cheap, a portion of this land will undoubtedly be reclaimed for crop prountil the precipitate settles, and ex-amine the clear liquid by taking a in crops or available for crop produc-a few more farmers in the West. Unglassful and holding it up to light. tion, according to recent estimates of der the 640 acre grazing homestead This should be colorless. If it is blue United States Department of Agriculated passed in 1916 more than 45,000 applications had been made and approved by October 1, 1916. In the opinion of department specialists, however, most of the grazing homesteads offering promise of supporting a family have been applied for.

#### NATIONAL MILK SHOW.

Last night saw the close of the most Regiment Armory. It was a huge success from every viewpoint and particuthe domain of Uncle Sam consists of and many were instructed in new ways of using milk. Generally speaking the various exhibits held the at-

It was a most complete exhibit. It was a demonstration of the dairy incrops. This mountainous or stony produced on a large scale—model dairy brooder houses and attack the chick land, where rainfall is sufficient, is farms, cows milked by electricity, faadapted to forests, and where the rain- mous cows and bulls, milk drinks, pow-

cient rainfall is responsible for the ab- Financial Sensation, \$60,000 Jersey sence of crops in nearly one-third of bull. This wonderful bull was bred by the United States. During occasional Prof. Hugh G. Van Peit, one of the years of heavier rainfall large profits leading dairy experts in the country, may be made growing crops in these who recently sold one-half interest in semi-arid regions, but in the long run the animal for \$30,000 to E. M. it pays better in most localities to use Sharples. Financial Sensation has floors and the doors and windows such land for grazing and grow in some of the most famous ancestors in should be acreened with one inch mesh swales and seepage basins only a few the bovine world, including such faacres of crops for supplementary feed. mous animals as Interest, Finance, taken rats and weasels usually do Another factor restricting the culti- Financial King, Financial Countess, little damage. vated area is the length of the growing Fabulous Interests, Compound Interseason. Over a large extent of ele- est and Financial Beauty. His pedivated land in the West, and also in gree reads like a paragraph about the Adirondacks and a part of north- Wall Street. For example, Phancial is unquestionably one of the best that the Adirondacks and a part of north.

Beauty, as a two-year-old, yielded in maine, the average growing season Beauty, as a two-year-old, yielded in is less than ninety days, while frosts one year 9,853 pounds of milk containmay occur during the summer. There ing 476 pounds of butter fat, while is also much land where the soil is too Financial Countess, who was the sandy or infertile for the profitable world's champion Jersey cow in her production of crops. Such soils are day, yielded 13,248 pounds of milk and is best known, as it is the hardiest, better adapted to forests, and when 795 pounds of fat. During that year requires the least care and is the best butter, from which it will be seen that the value of Financial Sensation as a About one-nith of a billion acres of the sidered so valuable that Prof. Van Pelt part of the breast extending to the the weather is cool. United States might be cleared up and refused flatly to sell the bull outright. the stumps removed so that the land. There were numerous other bovine head. There is red, white and blue would be available for productive attractions at the exposition, includ- in the head coloring, but the blue is

fertile, but as drainage is expensive it | Dale Andrews of Greystone Farms will probably be at least another half The guests were editors of dairy and tomed to their caretaker's presence, century before all or even much of farm papers and newspapers. All but with action enough to take the bully." The speakers included Messrs. Andrews and Van Peit, M. D. Munn The irrigated sections of the Western and H. H. Charles. Among the guests Reds leave little to desire. States have approximately 30,000,000 were Dr. Copeland and Dr. S. Joacres of land still available for farming sephine Baker of the Health Department, the only woman guest of honor.

to rid a farm or garden of Canadian thistle. If only a few plants survive they will usually cause reinfestation guarded that the chicks cannot escape before much of this land is put to in a short time. To secure thorough until liberated. eradication the underground parts must be completely killed, since it is ting of the tops uses up food stored in the fleshy roots. The weed is much fined for a few days to learn the hen's than during wet weather, and operations of hoeing, plowing, harrowing, thistie should never be undertaken

> Eradication on Small Areas. The importance of eradicating the canada thistle on small areas can green growth preferably below the tion of her hatch with little if any surface of the soil. Perseverance is care. needed to assure success.

## Eradication on Large Areas.

Two principal plans of eradication are applicable on large scales-clean wooden stick for mixing. This is a about 500,000,000 acres for grazing. cess from every viewpoint and particularly for graphylose cycling most and particularly for graphylose cycling most and summer larly for graphylose cycling most and summer larly for graphylose cycling most and summer larly in point of attendance. The big fallowing followed by a cultivated amazed at the suddenly increased inlarly for grapevines, colling moth and the Western States. In addition there, building was crowded daily since the crop. The first method has the ad-San Jose scale, and if made in this are about 40,000,000 acres of desert manner will not need any addition, such as molasses, to make it stick.

In addition there, building was crowded daily since the vantage of killing the weeds without land, and 40,000,000 acres of land in milk, its production, distribution and so doing. Summer fallowing followed though a poultry house was going up larly good results in the hands of amalination there, building was crowded daily since the vantage of killing the weeds without land, and 40,000,000 acres of land in cities, rural highways, and railroad so doing. Summer fallowing followed in almost every backyard. Certain it

> kill the cat. This may cause compliinto farms. Topographic and climatic tention of visitors in a striking man- a neighbor's property, but it is the cubated in custom hatcheries are find- an electric light in the brooder house best remedy. Owls often kill many chickens that ing back fast.

roost in trees or exposed places. rough for the successful production of dustry in its various branches and was They even enter the open windows of ens. To avoid this danger it is best for the farmers to keep all the chickens indoors at night and to screen The floors of portable colony houses

should be at least one foot from the ground and the space underneath should be open and free. Permanent brooder houses should have cement wire fencing. If such precautions are

#### GUINEA FOWLS. By SARAH A LITTLE.

Those who have any acquaintance with guinea fowls know that there breeding proposition is not at all a clongated white spots on the wings The white African guinea is also

thing used.

Lead arsenate, soda arsenate, 8 acres, it would provide 1,250,000 farms, spectators. One of the exposition feaunces; lead acetate, 22 ounces; water. an increase of about 20 per cent. over tures was the luncheon given in honor dressed can case is more attractive

served as game birds, but this seems | tendency to seek the side of the house | vent except by keeping the chick most unnecessary, as they need no other than their own name to make them popular. Guinea eggs are also that the light will enter from two sides fine food and their keeping qualities there will be much less crowding at are much superior to those of hens' night and the chicks will form a circle eggs. They are small, but of high

Distinguishing Sex in Guinea Fowl

Many have trouble in selecting guineas with respect to sex, but by listening to their calls there need be no uncertainty, Either sex when frightened gives the same shrill, ear splitting shrick and chatter, but the male in common conversation with coop is kept clean and the hen properly the flock uses a soft, complaining sort of call which the female never imitates. This sound, while not musical, is not annoying. The female, on the other hand, fairly screams her slogan. Buckwheat! Buckwheat! Buckwheat! The male has no cry which is in the least like it. The head of the guines hen is smaller and its appendages are more delicate than those of the

#### Rearing Young Guinens.

A practice with which I have been uccessful in rearing young guinea fowl involves the use of common hens as incubators and brooders. The hens employed should be tame and accusagreed that the luncheon was "simply little birds off for long "hikes" in lif the hen is allowed her liberty she builty." The speakers included Messrs. horn does nicely, though Rhode Island

A large hen will cover from fifteen to seventeen eggs safely. The time of incubation is twenty-eight days, but it is wise to watch for precoclous youngsters who may fall out of the Complete eradication is necessary of the young might cause the hen to leave the unfledged nestlings to suffer or the straggler might get chilled and die. It is better to have the nest so

A large rainproof coop should be in readiness at some distance from other poultry and in the shade of a tree if principally by these that the pest lives possible. A detaining pen, made easily over from year to year. The most by removing all boards from a long practical method of exterminating the packing case, except the sides and one underground parts is to starve them end, and hooking the free ends, one to out by frequently destroying all the each side of the coop, makes a suittop growth of the plants. Since plants able home for the hen and brood. Care can assimilate food only by the aid must be taken that there be no hole or of the green leaves the frequent cut- crack through which the young can easier to eradicate during droughts language; and they are so small they can get out where water would run In a week if the weather is fair hen threatens. and cultivating directed against the and brood may have liberty for a short time and the hen must be taught to ing storms.

The first feed is stale bread crum thistle on small areas can bled, little chick grit and a shallow be overestimated, says the dish of water with wheat or cracked bulletin, since the pest spreads rapidly corn for the hen. In a week or two and a small patch may be the direct the little fellows will eat the hard were hatched. Traces of yolk have of infesting an entire farm grain with their mother and if the hen almost before the farmer is aware of is a good forager they will grow and the presence of the weed. The most thrive. It is well to have a sitting of common and practical method on small eggs for the guinea when she becomes areas is the frequent cutting of the broady, for she will rear a fair propor-

## REARING CHICKS.

By E. I. FARRINGTON.

Commercial poultrymen have been cities, rural highways, and railroad rights of way, an amount which will gradually increase with increasing population.

Why Land Lies Idle.

Much of the nonarable land within the domain of Uncle Sam consists of and many were instructed in new consumption, distribution and so doing. Summer fallowing followed by a cultivated crop keeps in check the in almost every backyard. Certain it grains may be commenced, and the book your order fur baby pigs of both top growth and starves the root system, thereby eradicating the weed.

Why Land Lies Idle.

Much of the nonarable land within the domain of Uncle Sam consists of and many were instructed in new colors. The Belrose Durous are famous at forms the habit of establishments report a tremendous and many were instructed in new colors. Summer fallowing followed by a cultivated crop keeps in check the in almost every backyard. Certain it grains may be commenced, and then the mash, always used dry, may be dairy industry visited the exposition.

Mothers and fathers were keenly interested in the judging of prize babies and many were instructed in new visits and many were instructed in new consumption was well told. Thousands by a cultivated crop keeps in check the in almost every backyard. Certain it grains may be commenced, and then the mash, always used dry, may be dairy industry visited the exposition.

Mothers and fathers were keenly interested in the judging of prize babies at the number of small flocks is that the number of small flocks is the thands of mall grains may be commenced, and then the mash, always used dry, may be dairy industry visited the exposition.

Mothers and fathers were keenly interested in the judging of prize babies at the number of small flocks is the thands of mall grains may be commenced, and the mash, always used dry, may be dairy industry visited the exposition.

The Belrose Durous are famous them, the feeding of small grains may be commenced, and the mash, always used dry, may be dairy industry visited the exposition.

When a cat forms the ha catching little chickens usually the demand for day old chicks, even though chicks make unusually rapid growth LARGE BERKSHIRES AT HIGHWOOD. only way to stop further loss is to demand for day out the past. If he feeds them an extra meal at cations when the animal is a pet or Poultrymen who have eggs to be in- night. This is made possible by having fact that the poultry business is com-

It is unfortunate that the losses and labor required.



GOOD TYPE OF BROODING HOUSE

among amateurs are usually much the neighbors' cats are likely to rapgreater than those among more expert | idivelente the flock. It is an unfor poultrymen. Yet these losses may be tunate fact that the losses from the avoided to a large extent by observing depredations of cats are very heavy a few simple rules. If the chicks are each year, and they are hard to preraised in brooders it is of the utmost importance that overcrowding be avoided. Probably that accounts for more losses than any other mistake. are three varieties. The pearl guinea The ordinary lamp heated brooder will not accommodate more than fifty chicks safely. The larger stove heated cleared for agricultural use are gener- an actual churn test was made, which all around bird of the species. It facturers as having a capacity of 500 ally soon allowed to grow up again in showed a production of \$44 pounds of breeds true to color, a bluish gray with or 600 chickens. This number is altowhite "polka dots" on the body, gether too large, however, except late in the season when the weather gets About one-fifth of a billion acres of fictitious value. In fact, he is con- and a purplish sheen on the upper enough to keep under one cover when Brooder operators are sometime

troubled by having the chicks crowd to one side at night. They may not understand that the chicks always have a

around the hover, which is the proper

Whatever kind of brooder house is being used, it is always a good plan to have strips of chicken wire set into the corner so that the chicks will not lose themselves there.

When the chicks are being raised with a hen there is likely to be considerable loss from vermin unless the cared for. The best way to keep a mites is to use carbola, or some other preparation which can be easily applied and which is death to lice. Dusting the hens with lice powder at in-tervals will free them from body lice parts bran and one part fine meat scrap, and a very little grease applied to the Cracked corn is also used as a grain around the vent. A piece as big as a pea is large enough. This is one of It is a sad fact that a great many broody hens succumb to the plague of

It is always advisable to keep the hen confined and to let the chicks run. will almost invariably lead her brood through the tall, wet grass and often home with only half of them. When the hen is confined the chicks roam only a short distance away and are called into the coop when rain



SHIPPING BOX FOR DAY OLD CHICKS

begins to fall or danger from hawks

Overfeeding is responsible for many chicken losses. It is difficult for the return to the coop for food and water beginner to refrain from feeding the beginner to refrain from feeding the chicks as soon as they will eat, but this is bad practice. It is much better to let them fast for thirty-six or forty-eight hours. They really have plenty

GARDEN HOSE—Couplings attached: \*\*

GARDEN HOSE—Couplings attached: \*\*

Inch moulded 25 feet \$4.50, 50 feet \$5.50, the say Inner Tubes 30x3, \$1.00; 20x24, \$2.25, Prepaid, Satisfaction guaranteed. The Waterproof Apron Co., Trenton, N. J. and a sheltering place at night or dur- chicks as soon as they will eat, but of sustenance in the volks of the eggs which were absorbed just before they been found at the end of a week. Too early feecing is likely to induce bowel trouble. It is much better to feed a little at a time and to feed often than to give the chicks all they will eat. BELGIAN AND FLEMISH Professional chicken raisers like to GIANT HARES. We have the most keep their chicks a little on the hungry side all the time.

squeezed dry. If it is whole wheat bread, so much the better. After the first day a gradual shift may be made to a commercial chick feed. There are many good feeds of this kind on the market, but those which contain skimmed milk seem to give particularly good results in the hands of amalers of the largest and contliest herd in the east of both breeds bred sown. many good feeds of this kind on the ing it difficult to get accommodations. which is kept burning until 9 o'clock. There can be no question about the His chickens get one more meal a day than these of his neighbors and his results seem to warrant the extra time

It is an axiom among commercial poultry keepers that chickens should be got onto the ground as quickly as that early hatched chicks can get outside for a few hours each day even though the temperature may be low. This is a valuable hint for the amateur who is using a brooder. It is a great mistake to keep the chicks confined to the house after they are a week old. It is usually important, though, to have a yard with a stout wire fence in suburban sections, because otherwise



SOO FIFTH AVE NY Phone VANBLT 2716-7-8

WRITTEN GUARANTEE FOR ONE YEAR

# Start Chicks Right-Keep Them Growing

Baby chicks must have an easily-digested, properly-balanced ration, to prevent loss from digestive troubles and give them a strong, vigorous start. The best and safest is Pratts Baby Chick Food
the original "baby food for baby chicks." It builds bone, muscle and feather and makes chicks grow like weeds. "The original Pratts" is slightly higher in first cost than imitations which are inferior, but it is the cheapest food as judged by number.

size and quality of chicks raised. When the ration is changed to coarser feeds and the quantity increased Pratts Poultry Regulator should be regularly used. It sharpens the appetite, improves digestion regulates the bowels. The results are perfect health, rapid growth, freedom from disease, early maturity, bigger profits.

Our guarantee—"Your money back if YOU are not estimited."

Make the test at our risk. Sold by dealers everywhere.

PRATT FOOD COMPANY State of the state of the

fenced in

One other source of loss is rats. The number of chickens which they destroy and carry away runs into the hundreds of thousands every season. They are likely to frequent the brooder house unless it has a cement floor or cement foundation, and in that event it is exceedingly important to have some sort of wire fence around the brooder which will keep them out, this parrier being set in place every night.

#### MASH MIXTURE MAKES GOOD CHICK BATION.

A satisfactory ration for feeding young chicks as tried out by the Ohio Experiment Station during the last few weeks is a mash composed of two parts by weight of ground corn, three heads of the chicks will drive away the ration. The mash mixture is fed dangerous head louse. When a hen is from a self-feeder after the chicks are to be set it is always a good plan to four weeks old; before this time it is rub blue ointment into the skin just given at three regular intervals daily. For feeding chicks that come directly from the incubator equal parts the most effective ways of keeping by weight of the mash and boiled eggs lice away while the hen is on the nest, has been found satisfactory. The eggs used are those tested out of the incubator after seven days incubation.

> Boys and girls should be encouraged o start in the poultry business. It requires little money to invest, and he current expenditure may be reduced in part by utilizing farm and home wastes. If the project begins with a laying flock the return begins early, especially by supplementing the food supply of the home.

FARM PRODUCE. MAPLE SYBUP AND HONEY.

VERMONT PURE MAPLE SYRUP Absolutely pure, finest quality, \$2.90 gal: half gal, \$1.60. Pure Honey, \$1.25 3 lb. can; 5 lb. can, \$1.75. Vermont Maple Syrup Ca. Washington Market, New York.

2 quarts Syrup, \$1.75 Gallon, \$3.50. 5 fbs. sugar, \$2: 10 lbs., \$4: BRONDALE PARM, East Hardwick. Vt. MAPLE SYRUP We have a few extra make; pure and genuine. You may have them at \$2 per gallon packed for shipment anywhere. Morningside Farm, Sylvania, Pa

HONEY AT REDUCED PRICES Absolutely Pure, delivered in either Buck-cheat or Clover flavor by parcel post, 5 bz. \$1.40, 10 lbs. \$2.75. Agents wanted. The Deroy Taylor Co., NEWARK, NEW YORK.

HONEY.

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FOR SALE—Fine bred Shatland Ponies: \$50-\$70. Write to H. H. MINER, Saranse Lake, N. Y.

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Modified buttermilk for hogs Spring Pigs Berek & Anderson, Flankill, N. Y.

POULTRY.

## possible. Sometimes they shovel away the snow cutside the brooder house so BABY CHICKS ALL BREEDS

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